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PTO/SB/21 (05-03)

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TRANSMITTAL FORM

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		Application Number	10/778,009
		Filing Date	February 11, 2004
		First Named Inventor	Erik C. Scher
		Group Art Unit	1753
		Examiner Name	Unassigned
Total Number of Pages in This Submission		Attorney Docket Number	40-001330US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
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Authorization to Charge Deposit Account Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jonathan Alan Quine, Reg. No. 41,261 for Monicia Elrod-Erickson, Reg. No. 51,651
Signature	
Date	July 23, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

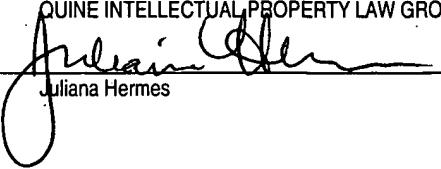
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QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By _____


Juliana Hermes

Attorney Docket No. 40-001330US
Client Ref. No. 01-001330US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Erik C. Scher, et al.

Application No.: 10/778,009

Filed: February 11, 2004

For: NANOSTRUCTURE AND
NANOCOMPOSITE BASED
COMPOSITIONS AND
PHOTOVOLTAIC DEVICES

Examiner: Unassigned

Art Unit: 1753

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR § 1.97 and
§ 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

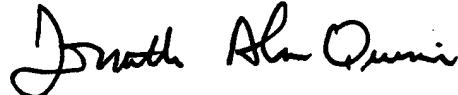
The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action on the merits per 37 CFR 1.97(b)(3). However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



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Substitute for form 1449A PTO TRADEMARK JUL 27 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number

10/778,009

Filing Date

February 11, 2004

First Named Inventor

Erik C. Scher

Group Art Unit

1753

Examiner Name

Unassigned

Attorney Docket Number

40-001330US

Date Submitted

July 23, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
1	2003/0145779	A1		Alivisatos et al.	08-07-2003	
2	2004/0003838	A1		Curtain	01-08-2004	
3	2004/0095658	A1		Buretea et al.	05-20-2004	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appeal	T
		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
4		Coe (2002) "Electroluminescence from single monolayers of nanocrystals in molecular organic device" <u>Nature</u> 420:800-803	
5		Yakimov et al. (2002) "High Photovoltage multiple-heterojunction organic solar cells incorporating interfacial metallic nanoclusters" <u>Applied Physics Letters</u> 80:1667-1669	
6		Yang et al (2003) "Improvement of the performance of polymer/C60 photovoltaic cells by small-molecule doping" <u>Synthetic Metals</u> 137:1521-1522.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.